WHAT IS CLAIMED IS:

1. A carbohydrate peptide conjugate comprising :

a carrier comprising a dendrimeric poly-Lysine enabling multiple epitopes to be

covalently attached thereto,

at least one peptide comprising one T epitope or several identical or different T epitopes,

at least one carbohydrate moiety, or a derivative thereof, containing B epitope, provided it is not a sialoside, or several identical or different epitopes.

- 2. A conjugate according to claim 1 wherein said dendrimeric poly-Lysine forms a 4 branches star, with an epitope T covalently bound to each lysine of the branches of said carrier.
- 3. A conjugate according to claim 1 or 2 which comprises at least 3 lysines and up to 15 lysines covalently linked to one another.
- 4. A conjugate according to any one of claims 1 to 3 wherein to the NH2 end of at least two lysine residues is bound at least one peptide comprising one epitope.

 T and wherein the carbohydrate moiety is covalently bound to the end of said peptide opposite to the lysine.
- 5. A conjugate according to any one of claims 1 to 3 wherein to the NH₂ end of at least two lysine residues is bound at least one carbohydrate residue being not a containing a be epitope and wherein the peptide comprising one T epitope is covalently bound to the end of said carbohydrate.
- 6. A conjugate according to any one of claims 1 to 5 wherein the carbohydrate molety is galactosyl.
- 7. A conjugate according to env one of claims 1 to 4 which comprises 3 lysino residues, at least 4 epitopes of the T-types which may be the same or different. linked to the NH₂ ends of 2 of the lysine residues and 4 α-galactosyl-Nacetyl-Scrine residues.
- 8. A conjugate according to claims 1 to 7 wherein the carbohydrate moiety is a galactosyl residue and is substituted by another glycosyl residue.

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		claim /
A		9. A conjugate according to claims 1 to 8 wherein the carbohydrate is a tumor
Δ		antigen. 10. A conjugate according to claims 1 to 9 wherein the epitope T is the 103-
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		115 peptide of the VP1 protein of poliovirus type 1.
A	5	11. A conjugate according to claims 1 to 19 wherein the carbohydrate is
		grafted in combination with a tumor peptidic CD8 ⁺ T cell epitope.
A		12. A conjugate according to claims 1 to 8 or 11 wherein the carbohydrate is of
		bacterial or fungal origin.
		13. A conjugate according to claim 12 wherein the carbohydrate is from
	10	capsular bacterial polysaccharides scleeted from the group consisting of Neisserla
		meningitis, Haemophilus influenza: Streptocuccus pneumonia and other
		Strepcoccus species, with the exception of sialylated polysaccharides.
		14. A conjugate according to claim 1 wherein the carbohydrate is selected
		from the group consisting of Tn antigen di-Tn antigen, tri-Tn antigen, T* antigen and
	15	hexa-Tri antigen.
		15. A carbohydrate peptide conjugate comprising :
		at least one peptide comprising one T epitope, or several identical or different
		T epitopes, and
		at least one carbohydrate molety, or a derivative thereof, containing B epitope
	20	provided it is not sialogice, or several identical of different epitopes.
		16. A carbohydrate peptide conjugate according to claim 15 wherein the
		carbohydrate projety is selected from the group consisting of Tn antigen, di-11
		entinen Tri-Tn antigen, hexa-Tn antigen and T* antigen.
Α		17. Pharmaceutical compesition comprising the conjugate according to the
Α	25	one of claims 1 to 16 and a sultable carrier and adjuvant.

19 Immunogenic composition comprising at least one carbohydrate peptide conjugate according to claims 1 to 16 capable to elect an Immune response against a viral infection caused by a pathogen such as hopetitis virus, HIV or CMV.

18. Vaccine comprising the conjugate according to any one of claims 1 to 18.

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into contact was at least one antibody according to caim 26 and wherein one determines the formation of complexes between this antibody and molecules comprised in the said sample

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